

Please type a plus sign (+) inside this box ☉

PTO/SB/05 (12/98)

Approved for use through 09/30/00. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>UTILITY</b>  <b>PATENT APPLICATION</b>  <b>TRANSMITTAL</b>  (Only for new nonprovisional applications under CFR 1.53(b))	<b>Attorney/ Docket No.</b>	<b>ZAHFRI P531US</b>
	<b>First Named Inventor or Appln Identified: Thil SCHMIDT t al.</b>	
	<b>Title: DEVICE FOR CONTROL OF A HYDRAULICALLY ACTUATABLE SHIFTING ELEMENT</b>	
	<b>Express Mail Label No.</b>	<b>EV 330996154 US</b>

<b>APPLICATION ELEMENTS</b> See MPEP chapter 600 concerning utility patent appln. contents.	<b>ADDRESS TO:</b> <b>Assistant Commissioner for Patents</b> <b>Box Patent Application</b> <b>P. O. Box 1450</b> <b>Alexandria, VA 22313-1450</b>
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1. ☒ **Fee Transmittal Form**  
(submit an original, and a duplicate for fee processing)
2. ☐ Applicant claims small entity status  
(see 37 CFR 1.27.)
3. ☒ **Substitute Specification** (Total Pages) [ 19 ]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ **Drawings** (35 USC 113) (Total Pages) [ 4 ]
- 4a. ☒ **Submission of Formal Drawings** (Total Pages) [ 1 ]
5. ☒ **Oath or Declaration** (Total Pages) [ 3 ]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application  
(37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)
    - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6. ☐ Application Data Sheet (see 37 CFR).
7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. ☐ Nucleotide an/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. ☐ Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

#### ACCOMPANYING APPLICATION PARTS

9. ☒ **Assignment Papers** (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
13. ☒ **Preliminary Amendment-33 pgs.**
14. ☒ **Return Receipt Postcard (MPEP 503)**  
(Should be specifically itemized)
15. ☒ **Certified Copy of Priority Document(s)**  
(if foreign priority is claimed)
16. ☒ **Other: Express Mail Certificate**  
Submission of Certified Copy-1 pg.

17. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-Part (CIP) of prior application No.: \_\_\_\_ / \_\_\_\_  
Prior application information: Examiner \_\_\_\_\_ Group/Art Unit: \_\_\_\_  
For **CONTINUATION OR DIVISIONAL APPS** only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

#### 18. CORRESPONDENCE ADDRESS

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PATENT & TRADEMARK OFFICE



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Name: **Michael J. Bujold**

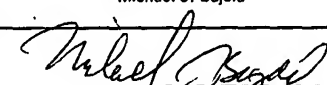
Registration No.: **32,018**

Signature:

Date: **August 25, 2003**

03917 U.S. PTO  
10/64/810  
08/25/03

17732 U.S. PTO  
08/25/03

<b>FEE TRANSMITTAL</b> for FY 2003 Patent fees are subject to annual revision <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		<b>Complete if Known</b> Application No. Filing Date First Named Inventor Examiner Name Group Art Unit Thilo SCHMIDT et al. Attorney Docket No. ZAHFRI P531US																																																																																																																																																																															
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<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input checked="" type="checkbox"/> Deposit Account: Deposit Account Number: 04-0213 Deposit Account Name: DAVIS & BUJOLD, P.L.L.C. The Commissioner is authorized to: (check all that apply) <input type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Credit any overpayments <input type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified account.		<b>3. ADDITIONAL FEES</b> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge-late filing fee/oath</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge-late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for re-examination</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Ext.for reply w/in 1 mon</td><td></td></tr> <tr><td>1252</td><td>410</td><td>2252</td><td>205</td><td>Ext.for reply w/in 2 mon</td><td></td></tr> <tr><td>1253</td><td>930</td><td>2253</td><td>465</td><td>Ext.for reply w/in 3 mon</td><td></td></tr> <tr><td>1254</td><td>1,450</td><td>2254</td><td>725</td><td>Ext.for reply w/in 4 mon</td><td></td></tr> <tr><td>1255</td><td>1,970</td><td>2255</td><td>985</td><td>Ext.for reply w/in 5 mon</td><td></td></tr> <tr><td>1401</td><td>320</td><td>2401</td><td>160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>320</td><td>2402</td><td>160</td><td>Filing a Brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>280</td><td>2403</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>1453</td><td>1,300</td><td>2453</td><td>650</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>1501</td><td>1,300</td><td>2501</td><td>650</td><td>Utility issue fee (for reissue)</td><td></td></tr> <tr><td>1502</td><td>470</td><td>2502</td><td>235</td><td>Design issue fee</td><td></td></tr> <tr><td>1503</td><td>630</td><td>2503</td><td>315</td><td>Plant issue fee</td><td></td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Petition related to provisional applns.</td><td></td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of Info.Disclo.Stmt.</td><td></td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording ea. patent assignment per property (times No.of properties)</td><td>\$40</td></tr> <tr><td>1809</td><td>750</td><td>2809</td><td>375</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>1810</td><td>750</td><td>2810</td><td>375</td><td>For ea.additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>1801</td><td>750</td><td>2801</td><td>375</td><td>Request for Cont.Exam. 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Typed or Printed Name	Michael J. Bujold	Registration Number	32,018																																																																																																																																																																														
Signature		Date: August 25, 2003	Telephone No. (603) 624-9220																																																																																																																																																																														
		Deposit Account User ID	04-0213																																																																																																																																																																														

08/25/03

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Thilo SCHMIDT, Georg GIERER and  
Serial no. : Klaus STEINHAUSER  
For : DEVICE FOR CONTROL OF A  
HYDRAULICALLY ACTUATABLE SHIFTING  
ELEMENT  
Docket : ZAHFRI P531US

MAIL STOP PATENT APPLICATION  
The Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**EXPRESS MAIL CERTIFICATE**

"Express Mail" label number: **EV 330996154 US**

Date of Deposit: **August 25, 2003**

I hereby state that the following attached paper or fee:

**Check for \$790;**  
**Patent Application Transmittal-1 pg.;**  
**Fee Transmittal Ltr (+Dupl)-1 pg.;**  
**Specification/Claims/Abstract-19 pgs.;**  
**Submission of Formal Drawings-1 pg.;**  
**Drawings (Figs. 1-4)-4 pgs.;**  
**Declaration & Power of Atty-3 pgs.;**  
**Assignment & Cover-2 pgs.;**  
**Preliminary Amendment-33 pgs.;**  
**Submission of Certified Copy-1 pg.;**  
**1 Certified Copy;**  
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**Michael J. Bujold**

  
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PATENT & TRADEMARK OFFICE



020210

08/25/03

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Thilo SCHMIDT, Georg GIERER and  
Serial no. : Klaus STEINHAUSER  
For : DEVICE FOR CONTROL OF A  
HYDRAULICALLY ACTUATABLE SHIFTING  
ELEMENT  
Docket : ZAHFRI P531US

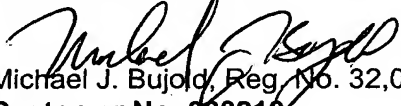
MAIL STOP PATENT APPLICATION  
The Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**SUBMISSION OF FORMAL DRAWINGS**

Enclosed please find four (4) sheets of formal drawings which are to be entered in this case.

In the event that there are any fee deficiencies or additional fees are payable, please charge the same or credit any overpayment to our Deposit Account (Account No. 04-0213).

Respectfully submitted,

  
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